

This listing of claims will replace all prior versions, and listings, of claims in the application. Please note, to ensure entry of amendments made in the After Final Amendment of September 25, 2003, Applicants have reiterated those amendments, as well as others, in this paper.

Listing of Claims:

1. (Currently Amended) A display apparatus comprising:
at least one image display means; and
a projection optical system for obliquely projecting image light from said at least one image display means onto a ~~projection surface~~ screen,
wherein said projection optical system includes ~~a plurality of aspherical curved mirrors~~ either a group of a concave aspherical mirror, a convex aspherical mirror, an aperture stop, three convex aspherical mirrors, a concave aspherical mirror and two flat mirrors arranged from display means in order, or another group of an aperture stop, a concave aspherical mirror, two convex aspherical mirrors, concave aspherical mirrors, another convex aspherical mirrors, a concave aspherical mirror and two flat mirrors arranged from display means in order, and projects the image light with a distortion not more than 1.2% equal to or less than 0.5%,
wherein the six aspherical mirrors in the groups is held by a die cast flame,
wherein a brightness unevenness on the screen by the image light is equal to or less than 20%,
wherein the screen comprises two eccentric Fresnel lens having a common characteristic and a lenticular lens arranged from the projection optical system in order, and
wherein a height of the display apparatus is less than 110(cm).

Claims 2-5 (Canceled)

Claim 6. (Withdrawn) An apparatus according to claim 1, further comprising an aperture stop between said image display means and said projection optical system.

Claims 7-11 (Canceled)

Claim 12. (Currently Amended) An apparatus according to claim 1, wherein the projection surface receives light from said image display means and the projection surface is constructed such that at least two eccentric Fresnel plates which have substantially the same structure as are stacked on each other.

Claim 13. (Original) An apparatus according to claim 1, wherein light from said image display means is projected on the projection surface from a rear surface thereof.

Claim 14. (Original) An image processing apparatus comprising:
said display apparatus defined by claim 1; and
an image information input device for supplying image information to said display apparatus.

Claim 15. (Previously Presented) An apparatus according to claim 14, wherein said image information input device comprises an arithmetic unit.

Claim 16. (Currently Amended) A display apparatus comprising:
at least one image display means:
a projection surface; and
a projection optical system for obliquely projecting image light from said at least one image display means onto said projection surface,
wherein said projection optical system includes at least six aspherical curved mirrors and a plurality of plane mirrors which are sequentially arranged from the image display means side, and
wherein said projection optical system projects the image light with a distortion equal to or less than 0.5% and a brightness unevenness on the projection surface by the image light is equal to or less than 20%.

Claim 17. (Previously Presented) An apparatus according to claim 16, further comprising an aperture stop between at least one of said curved mirrors and said image display means.

Claim 18. (Previously Presented) An apparatus according to claim 16, further comprising an aperture stop between second and third mirrors of the curved mirrors from said image display means side.

Claim 19. (Currently Amended) A projection optical system for obliquely projecting light from image display means, comprising a plurality of aspherical curved mirrors, ~~wherein an image is projected with a distortion not more than 1.2%~~ wherein an image is projected with a distortion equal to or less than 0.5% and a brightness unevenness on the projection surface by the image light is equal to or less than 20%.

Claim 20. (Canceled)

Claim 21. (Canceled)

Claim 22. (Canceled)

Claim 23. (Canceled)

Claim 24. (Canceled)

Claim 25. (Canceled)

Claim 26. (Canceled)

Claim 27. (Canceled)

Claim 28. (Canceled)